

Westside Pumping Plant Replacement - El Toyonal / La Encinal Pipeline Improvements



Welcome! We will begin shortly...

At the end of the presentation, you may call into the teleconference line for a Question and Answer session.

Call-In Number: 1-855-369-0450

Participant PIN: 658 315 #

***Once you call in, you will be placed on mute until the end of the presentation at which point you may choose to be placed in a queue for the Q&A session.**

****You may also use the chat feature on Microsoft Teams Live to ask questions.**



EAST BAY MUNICIPAL UTILITY DISTRICT

**Westside Pumping Plant Replacement -
El Toyonal / La Encinal Pipeline
Improvements**

**Virtual Community Meeting
May 6, 2020
6:00 P.M.**

EBMUD Project Team



- **Ben Townley, PE**, Construction Manager
- **Nelson Gonzales, PE**, Resident Engineer
- **Shary Zamaroni**, Assistant Engineer
- **Tint Khine**, Assistant Engineer
- **Patrick Wood**, Senior Construction Inspector
- **Kathryn Horn**, Community Affairs Representative
- **Dustin La Vallee, PE**, Pipeline Design

Teichert Project Team



- **Anthony Rochin**, Project Manager
- **Devin Lagorio**, Project Engineer

About Teichert Energy and Utilities Group Inc.

- Teichert is California's oldest active contractor and has been in business since 1887.
- Specializations include pipeline, utilities and solar
- A commitment to safety and a zero injury culture

Presentation Agenda

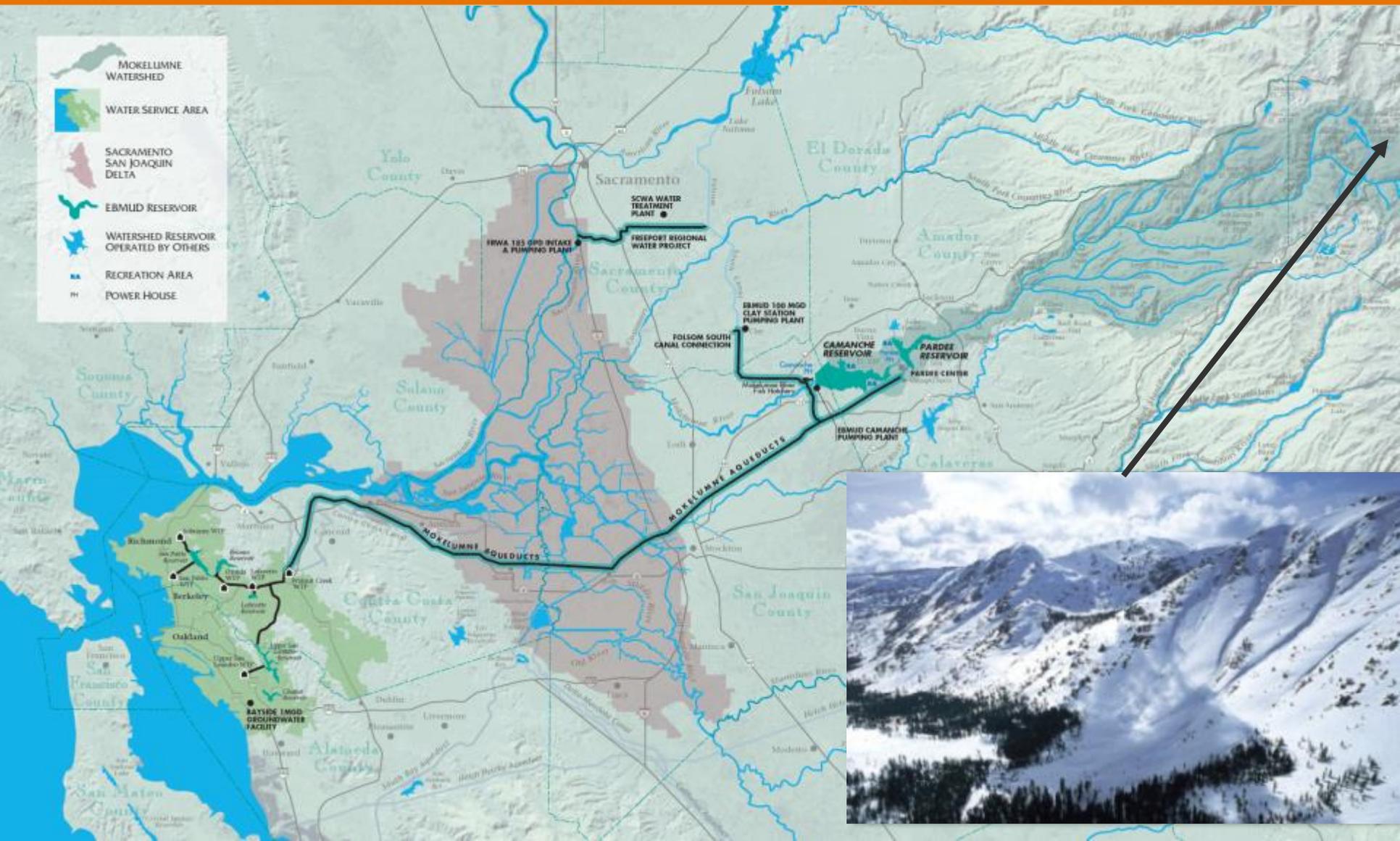


- EBMUD Water System
- Project Overview
- Project Schedule
- Traffic Impacts
- Emergency Response
- How to stay informed
- Questions/ Comments

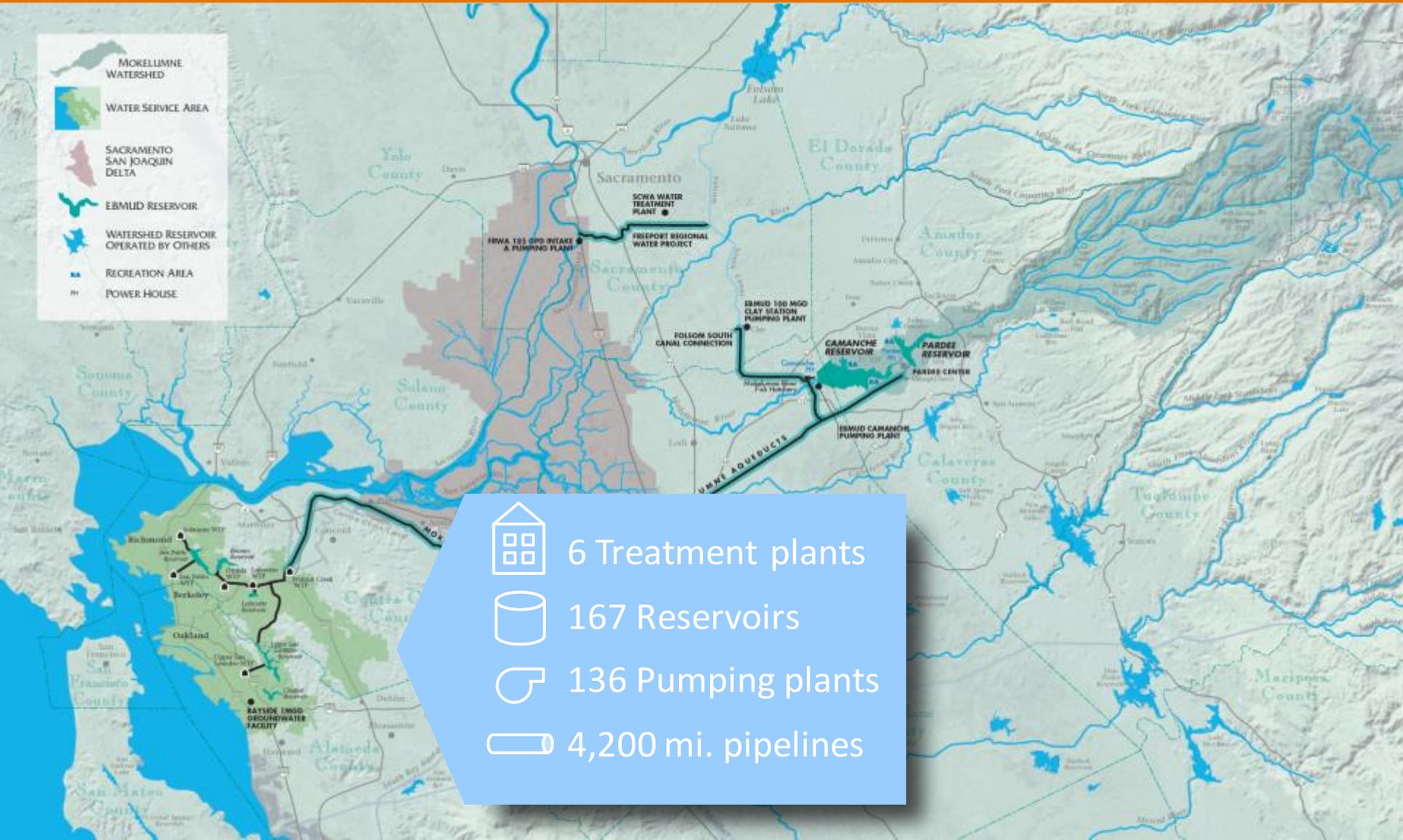
Water Supply System



- MOKELUMNE WATERSHED
- WATER SERVICE AREA
- SACRAMENTO SAN JOAQUIN DELTA
- EBMUD RESERVOIR
- WATERSHED RESERVOIR OPERATED BY OTHERS
- RECREATION AREA
- POWER HOUSE



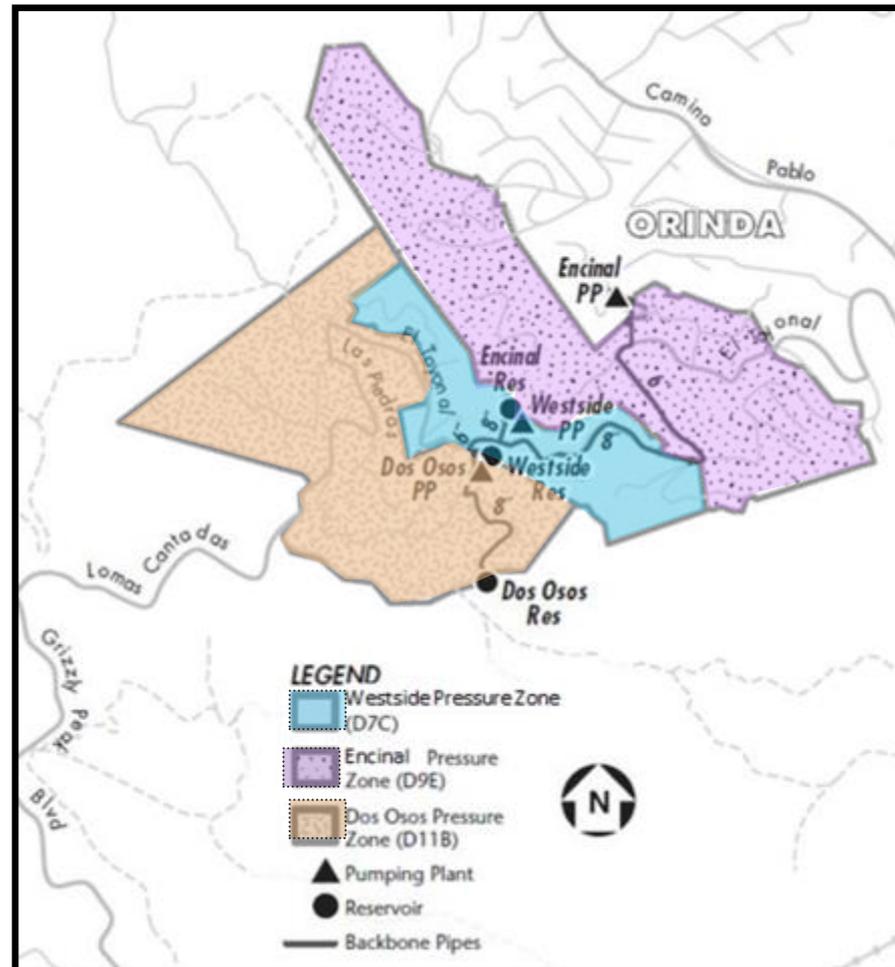
Water Supply System



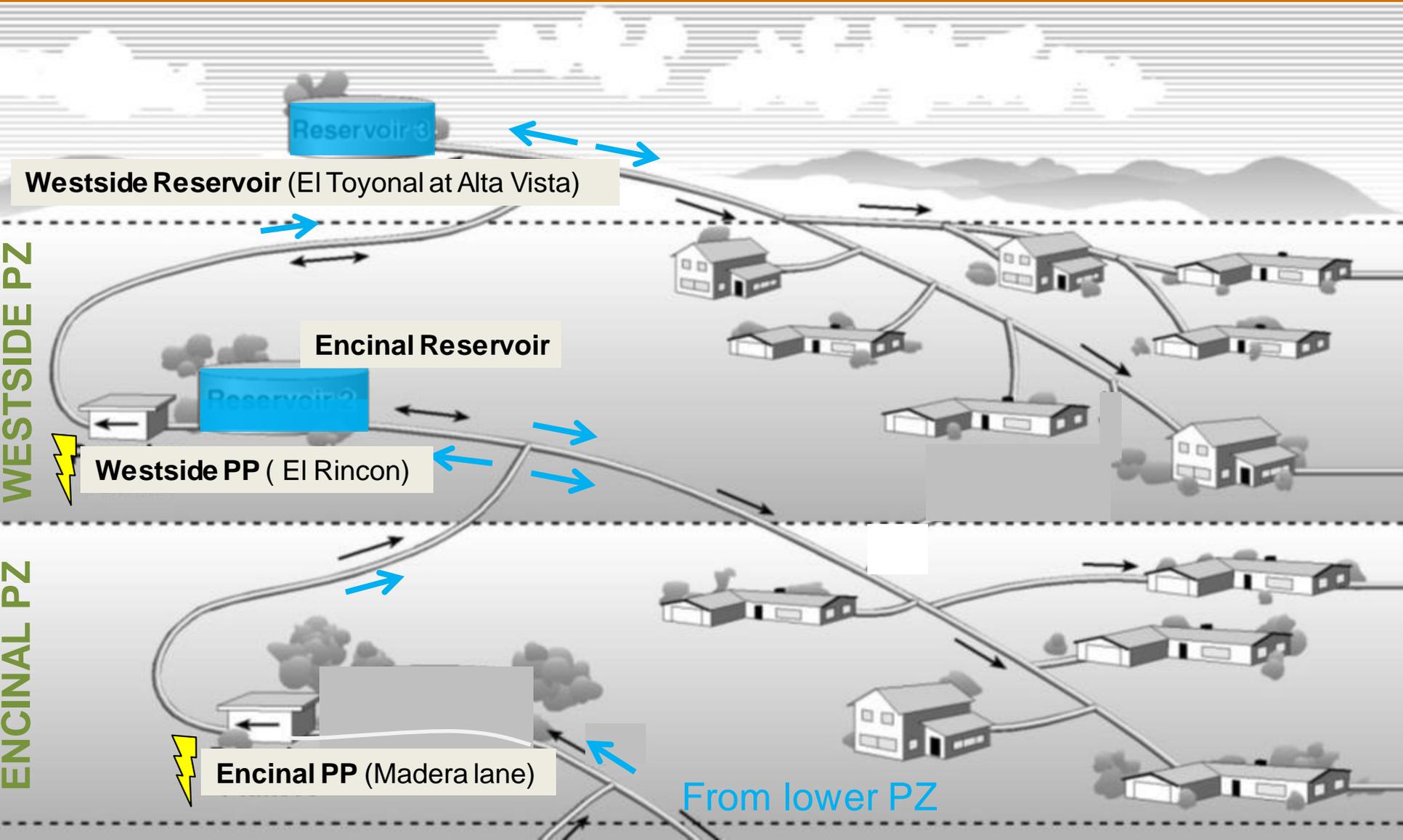
-  6 Treatment plants
-  167 Reservoirs
-  136 Pumping plants
-  4,200 mi. pipelines

Project Location: Encinal Cascade

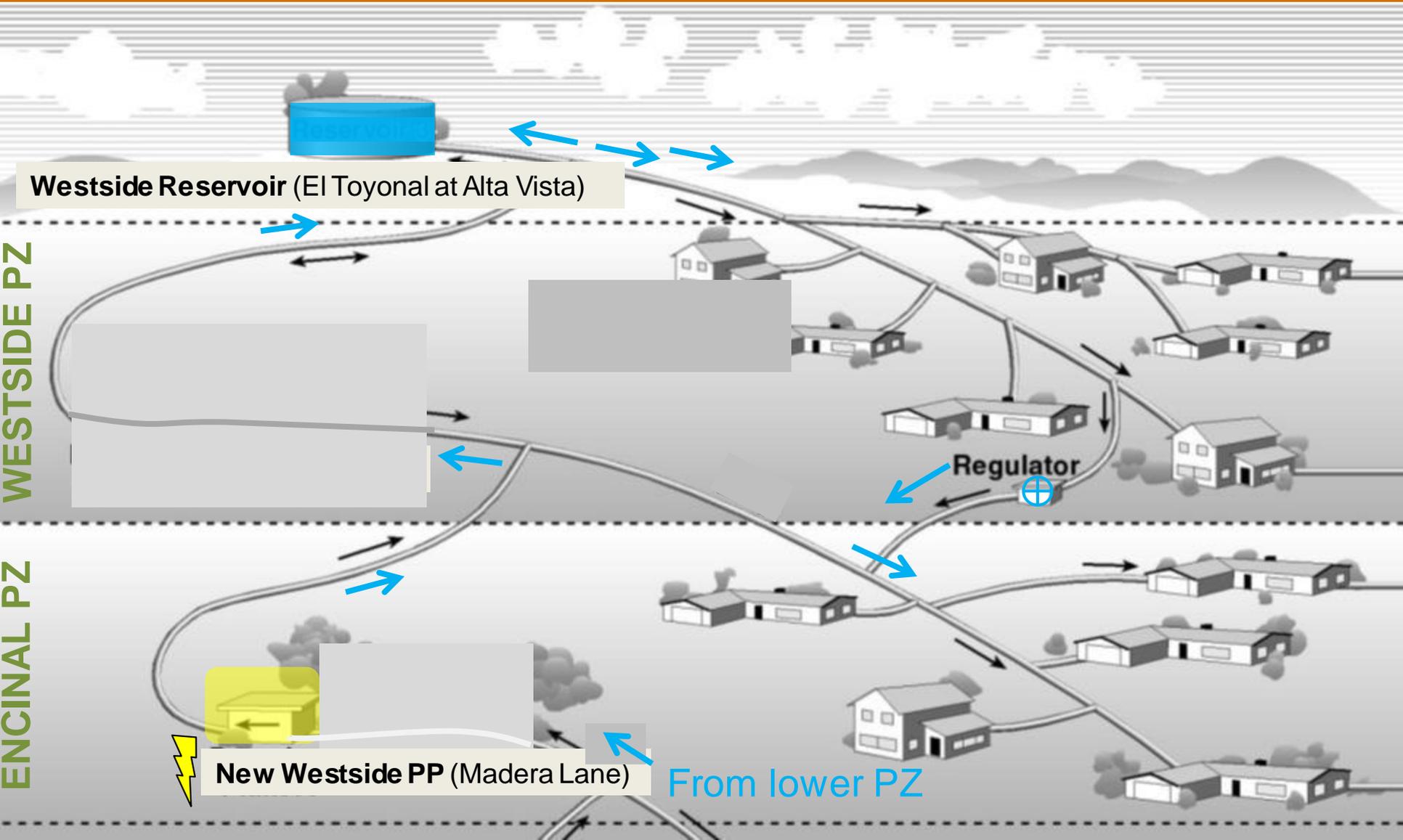
El Toyonal
neighborhood of
Orinda



Water Operations - Existing



Water Operations – Post-Project



Project Overview



Project Benefits



- Replacement of pipelines at high risk for failure
- Improved community fire flows from upsizing of pipelines
- Improved facility reliability and operations efficiency
- Improved maintenance access

Pipeline Construction— What to Expect



Site Setup – 7 am to 8:30 am

- Contractor / crews arriving to site
- No road closures

Pipeline Construction – 8:30 am to 5 pm

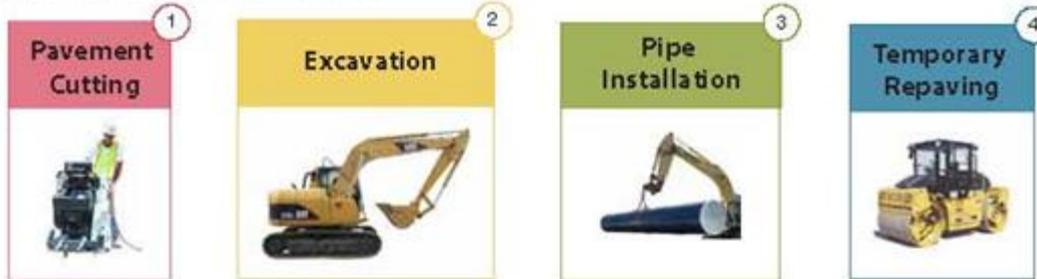
- Traffic control setup
- Pavement Cutting
- Excavation
- Pipe installation
- Temporary Paving / Final Paving

Site Cleanup – 5 pm to 7 pm

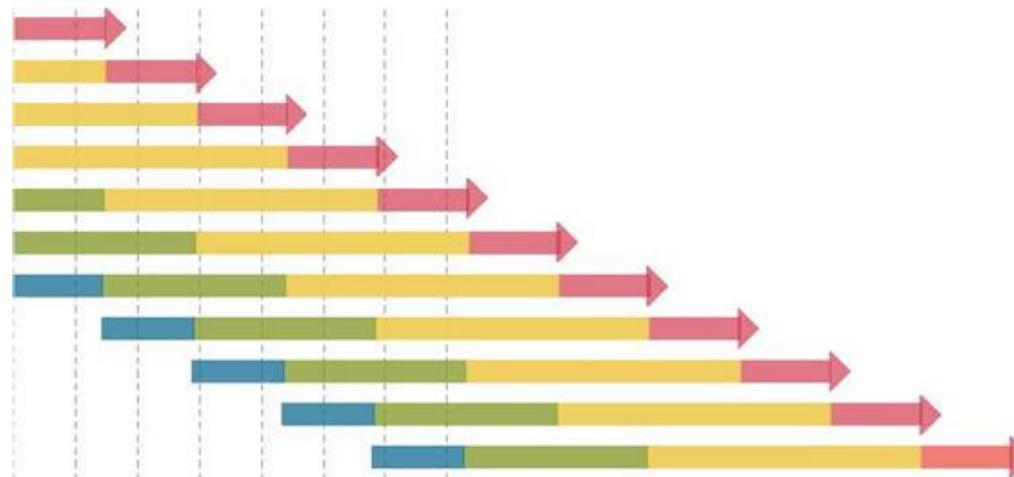
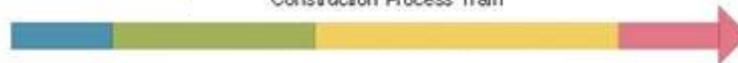
- Roads open, no traffic control setup
- Trench plates, temporary trench patches
- Material /equipment transported to staging areas

Open-Trench Pipe Installation

Open Trench Construction Activities



Construction Process Train



Final Construction Activity

Final Paving



Block 1

Block 2

Pavement Cutting



Pavement
Cutting



Canon Drive – May 2018

Excavation / Backfill

Excavation



Installing Pipe in Roadway

Open-Trench Pipe Installation



Pipe
Installation



Temporary Repaving

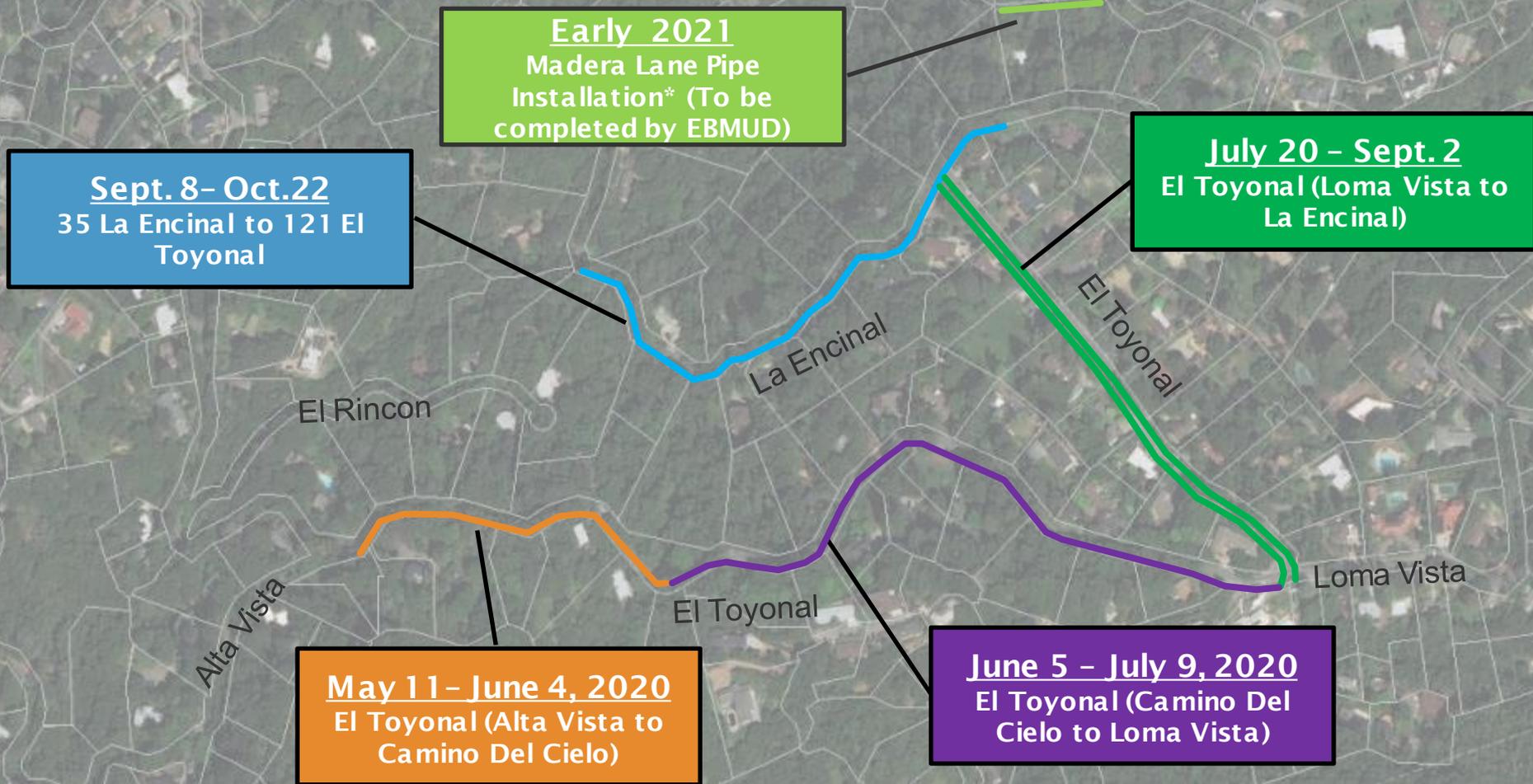
Temporary Repaving



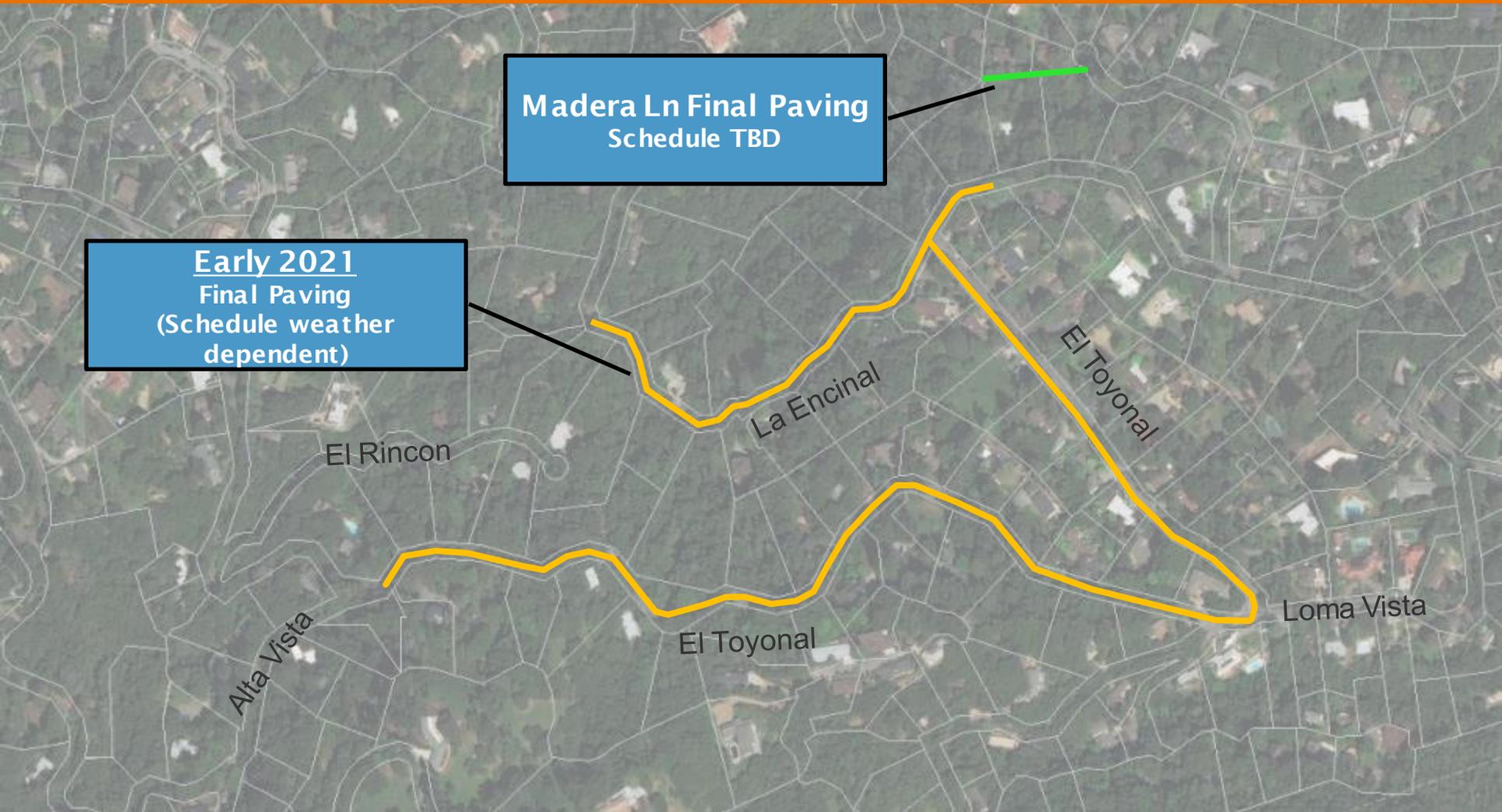
Final Paving



Proposed Pipe Installation Sequencing *(Subject to Change)*



Paving Sequencing



Madera Ln Final Paving
Schedule TBD

Early 2021
Final Paving
(Schedule weather
dependent)

El Rincon

La Encinal

El Toyonal

Alta Vista

El Toyonal

Loma Vista

Traffic Control

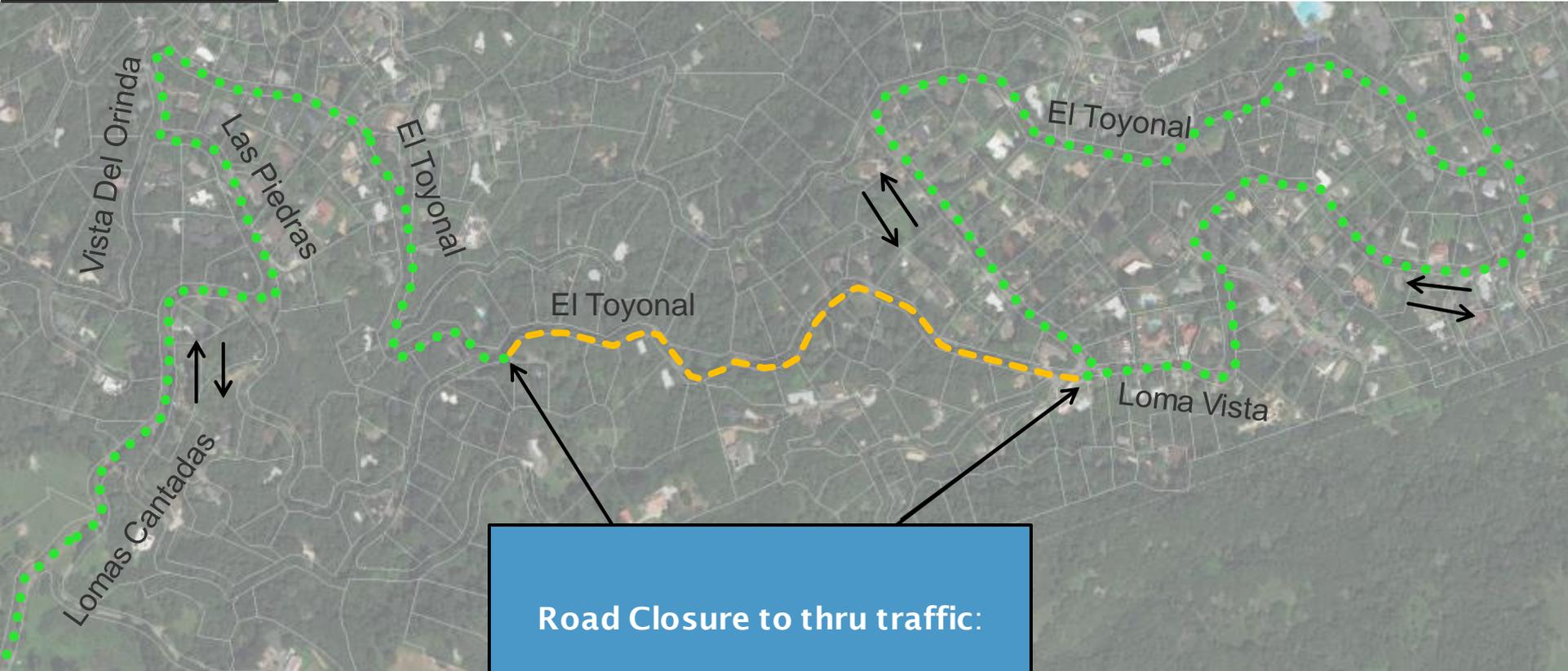


- Contractor will allow resident access during closure and will provide designated parking areas/pedestrian access when home/driveway inaccessible
 - Shuttling not viable due to social distancing requirements
- Allow emergency vehicle access during all road closures
- Residents above the pipeline work zone will need to detour using Grizzly Peak/Highway 24

Traffic Control – El Toyonal (Alta Vista to Loma Vista)



— Work Limits
••• Detour



To Camino Pablo ↑

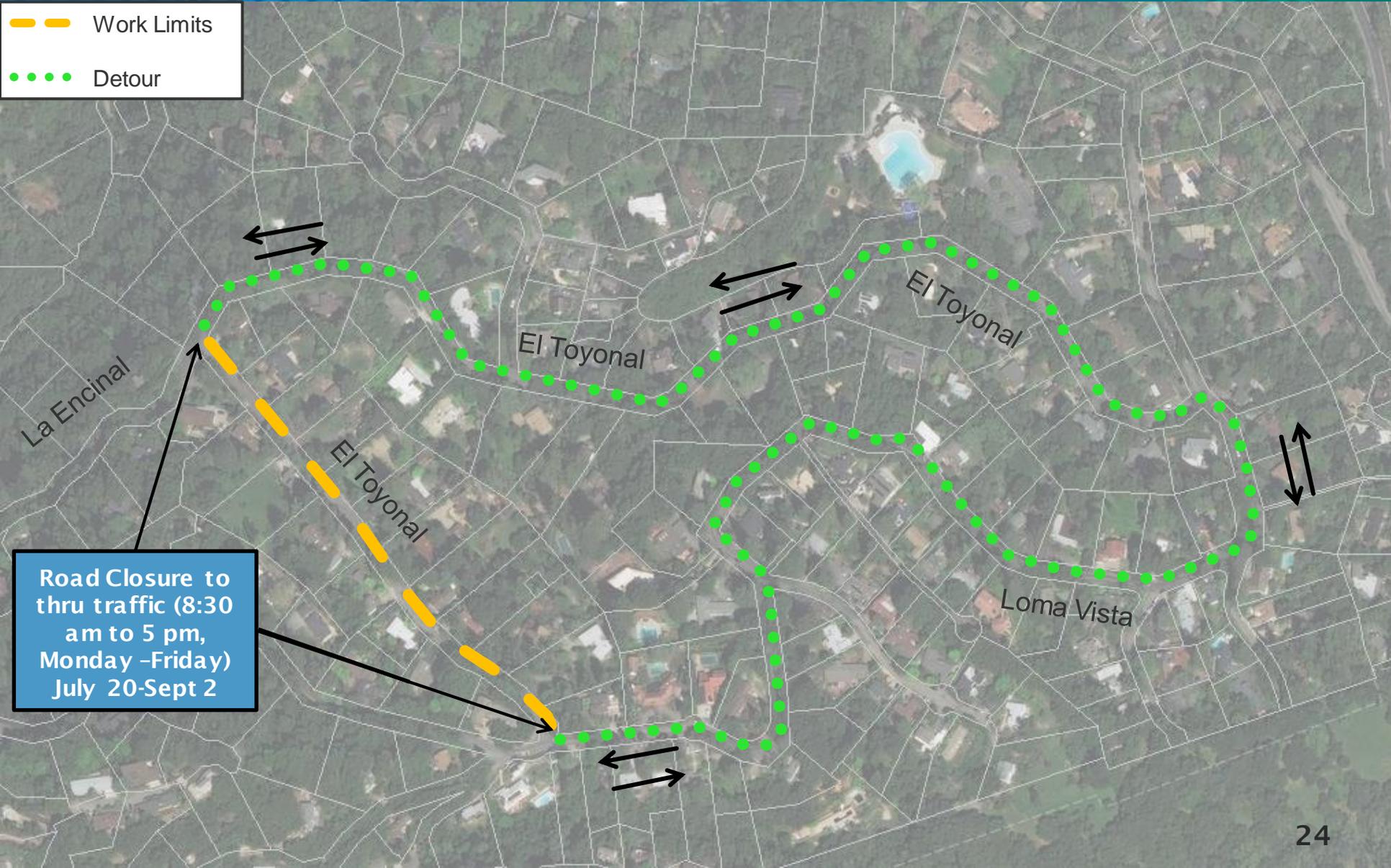
Road Closure to thru traffic:
Between May 11th – July 9th
• 8:30 am to 5 pm, Monday –Friday

↓ To Grizzly Peak Blvd

Traffic Control – El Toyonal (La Encinal to Loma Vista)



— — — — — Work Limits
• • • • • Detour



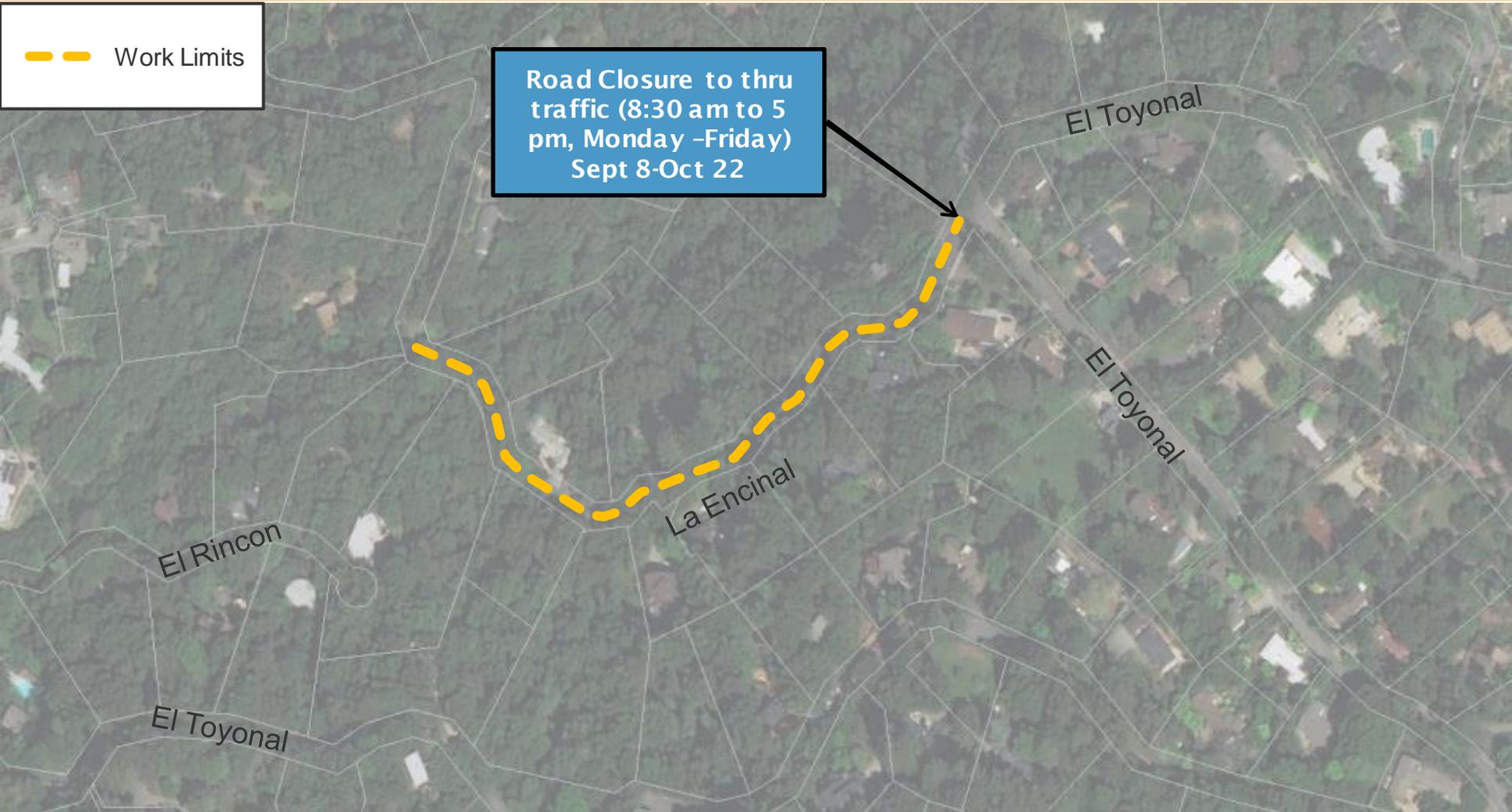
Road Closure to thru traffic (8:30 am to 5 pm, Monday -Friday) July 20-Sept 2

Traffic Control – La Encinal



Work Limits

Road Closure to thru
traffic (8:30 am to 5
pm, Monday -Friday)
Sept 8-Oct 22



Tree Trimming



- Tree trimming and limb pruning will be required, prior to excavation, in certain locations along the alignment
- A biological survey will be conducted prior to any trimming to look for sensitive species

Staging Areas



Emergency Access



- Emergency Access and Evacuation Access will be maintained during construction
- EBMUD and Teichert will coordinate weekly with MOFD and Orinda PD regarding emergency access
- MOFD and Orinda PD will have direct contact with EBMUD and Teichert and staff will be informed when an emergency vehicle is en route to ensure that response times are maintained
- Red Flag Warnings will be addressed with MOFD and we will follow their guidance

- **Republic Services**

- Service will be maintained throughout construction. Impacts will be minimal.

- **USPS Mail Service**

- Service may be interrupted. Orinda Post Office will hold all mail until you can pick it up.

- **Deliveries/Amazon/UPS**

- Access will be on a case by case basis. Service may be interrupted. Please make alternate arrangements for delivery during construction when possible.

- **Personal contractors/landscaping-**

- Access will be on a case by case basis. Consider rescheduling or adjusting schedule (arrive early/leave late) during construction.

Community/Resident Impacts

- Impacts to proposed shuttling / resident access option
- Need for virtual community meetings
- Social distancing and PPE during construction
- More people at home during construction times
- Reduced overall traffic
- School is out for the year. Summer programs may be cancelled.
- Rapidly changing situation (what worked today may not be allowed tomorrow)

Stay Informed!



We will be providing project updates in a variety of ways including:

- Project Website:
www.ebmud.com/WestsidePP
- Nextdoor updates
- Watersmart emails
- Phone calls (72 hours prior to work near your home)
- Door Hangers (72 hours prior to work near your home)

Stay Informed!



Update your EBMUD Communications Preferences to receive emails:

www.ebmud.com/customers/account/setting-your-online-account/

The screenshot shows the 'Communication Preferences' page. On the left is a navigation menu with 'Communication Preferences' selected. The main content area has a blue header 'Communication Preferences'. It contains several sections: 'Leak Alerts' (checked), 'My Use Notifications' (unchecked), 'Water Reports' (checked), 'Utility Connect' (checked), and 'Unsubscribe from All Communications' (unchecked). Each section has a description and a list of communication methods. For 'Utility Connect', the 'Email' option is selected and circled in red. A slider for 'My Use Notifications' is set to 2X, with a note '*Typical Seasonal Use: 81 GPD'.

Notification Type	Description	Selected Method	Other Methods
Leak Alerts	You will be notified if we think you have a leak.	Email	Text Message, Voice Message
My Use Notifications	You will be notified when your daily use is over 2X times your normal seasonal use. *Typical Seasonal Use: 81 GPD	None	1X, 3X, 5X, Email, Text Message, Voice Message
Water Reports	A periodic report including your current water use.	Email	Paper
Utility Connect	East Bay Municipal Utility District My Water Report communications regarding your water utility account, water use, and important related announcements.	Email	Text Message, Voice Message
Unsubscribe from All Communications		None	

Questions or Concerns:



- Contact Community Affairs at community@ebmud.com or
- 510-287-2053

- For emergencies or outside of work hours contact: 1-866-403-2683

Questions?



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